

STEREO MOC Status Report  
Time Period: 2012:002 - 2012:008

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:
  - On day 003, during the DSS-24 support, turbo decoder lock was lost briefly at 1513z. This anomaly resulted in the loss of six frames of SSR data. See DR# N107858 for more information.
  - On day 005, during the first operational ESA support with New Norcia, DSS-32, two-way ranging lock could not be maintained using a ramped uplink frequency. Commanding was successful and all SSR data was received.
  - On day 008, during the DSS-15 support, turbo decoder lock was lost intermittently beginning 1354z and again at 1419z. This anomaly resulted in the loss of 54 frames of SSR data. See DR# N107865 and N107867 for more information.
2. The following spacecraft/instrument events occurred during this week:
  - On day 002, the SECCHI Ahead instrument reset at 22:15:46z. The SECCHI team reconfigured the instrument to operational mode at 003-1615z. This was the 26<sup>th</sup> reset of SECCHI on the Ahead spacecraft.
  - The average daily SSR playback volume for Ahead was 4.6 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:
  - On day 002, during the DSS-15 support, real-time telemetry was lost at 0202z for 28 minutes due to continuous DCD failovers. This anomaly resulted in the loss of an hour of SSR data. See DR# G112227 for more information.

- On day 006, during the DSS-25 support, turbo decoder lock was lost briefly at 2035z. This anomaly resulted in the loss of one frame of SSR data. A DR has been requested.
- On day 008, for the second operational ESA support with New Norcia, DSS-32, all tracking, telemetry, and commanding services were nominal and all SSR data was received. A fixed uplink frequency was used.
- On day 008, during the DSS-65 support, turbo decoder lock was lost briefly at 1619z and again at 1800z. This anomaly resulted in the loss of two frames of SSR data. A DR has been requested.

2. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Behind was 4.4 Gbits during this week.